

996 South Main Street
Hendville, Pennsylvania 15339
December 27, 1968

CERTIFIED MAIL

Subject: Industrial wastes
Hammermill Paper Company
Erie, Erie County

Dr. Richard M. Fygon
Assistant Vice President
Hammermill Paper Company
Erie, Pennsylvania 16512

Dear Dick:

This is in reply to your letter dated November 18, 1968 in answer to our letter dated October 15, 1968 concerning the disposition of your deep disposal well No. 2. Your letter has been reviewed by both our Regional and Central Office personnel, and satisfactory replies to the following questions must be received before your proposal can be approved:

1. Does well No. 1 have adequate capacity to accept the total spent pulping liquors for any extended period of time, such as the period of several weeks required to place well No. 2 in an operative condition? Under item No. 1 of your November 18 letter you suggest that deep well No. 2 does have adequate capacity. However, I recall that during the past year you were unable to operate both 188 gpm pumps at deep well No. 1 because of excessive vibrations produced. Therefore, it will be necessary to show that deep well No. 1 can accept the total spent pulping liquors for extended periods of time, or if it cannot, it will be necessary to indicate what provisions will be made for satisfactory disposal of the excess spent pulping liquors.
2. We realize that fiberglass injection tubing, supposedly non-corrosive, has been installed in both deep wells No. 1 and No. 2 during the past year. However, the injection tubing used in the original construction of these deep wells was also supposed to be non-corrosive. Because of the past history of failure of the injection

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11/27/68 2 WELLS

Dr. Richard W. Brown

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tubing, it will be necessary to indicate what type of inspection will be conducted to insure the structural integrity of the new tubing. It will be also necessary to indicate how frequently you propose to conduct this inspection program for deep wells No. 1 and 3.

3. It will be also necessary to indicate the type of inspection program and the frequency of inspection to be conducted on the "secured" deep well No. 2 to insure that the injected pulping liquors are not seeping back up this well and causing pollution of fresh water aquifers.

We had discussed these comments during our telephone conversation of today in some detail. However, if you have any further questions in regard to this matter, please do not hesitate to contact us.

We will expect to receive a satisfactory time schedule of steps in answer to the foregoing on or before January 20, 1969.

Very truly yours,

Wayne C. Holliman, P.E.
Regional Sanitary Engineer
Human Services Region VI

WCB:dj

CC: Erie County Health Department

AR101906

12/31/68
December 16, 1968

Industrial Wastes
Hammermill Paper Company
Placement of Deep Disposal Well No. II in Stand-by Position
City of Erie, Erie County

Wayne C. Jellman
Regional Sanitary Engineer
Human Services Region VI - Meadville

Through: Director, Division of
Water Quality

Grover H. Enrich, Ph.D.
Ground Water Geologist
Division of Water Quality

Director, Division of
Industrial Wastes

The Ground Water Unit and Division of Industrial Wastes have reviewed your memo and the letter from Dr. Richard W. Brown, Assistant Vice-President, Hammermill Paper Company, concerning the placement of deep disposal well #2 in a stand-by position.

Dr. Brown indicates that well #1 has pumping capacity to inject 375 gpm and well #3 pumping capacity to inject 828 gpm. The present waste stream varies between 350 and 400 gpm. If well #3 was shut down, well #1 would again have to accept the full waste flow or some of it would have to be discharged to the surface water. Is there any evidence that well #1 can accept the total waste for any extended period of time? If it cannot, what provisions are made for disposal of the excess waste waters?

There has been improved construction according to Dr. Brown's letter in the injection tubing for wells #1 and 3. Because of the past history of failure of the injecting tubing, what type of an inspection program is Hammermill conducting to insure the structural integrity of their new tubing? How often do they propose to conduct this inspection program?

Number 2 well has been "secured" by cementing the well up to 780 feet. What type of inspection program will Hammermill conduct on this well to insure that the waste is not seeping back up this hole?

GHE:lko

cc: Dr. Larson, H.S. Reg. VI, Meadville
Dr. Enrich
Mr. Boardman
Filo

ARI01907

#1, #2, #3 wells

COMMONWEALTH OF PENNSYLVANIA

996 South Main Street
Meadville, Pennsylvania
November 27, 1968

SUBJECT

Industrial Wastes
Hammermill Paper Company
City of Erie, Erie County

TO

Grover Aurich, Ph.D.
Ground Water Geologist
Water Quality Division

Thru: Director, *[Signature]*
Division of Water Quality

FROM

Wayne C. Bellaman *WCB*
Regional Sanitary Engineer
Human Services Region VI

Director,
Division of Industrial Wastes *[Signature]*

Attached is a copy of the reply we received from Dr. Brown of Hammermill in answer to my letter of October 15, 1968 requesting a time schedule of steps they plan to take to restore deep disposal well #2 to use.

The justification contained in Dr. Brown's letter for not restoring well #2 to use is satisfactory to me. Although well #1 only has adequate capacity to accept 80% of the pulping liquors when well #3 is inoperative, the revised design and construction of both wells #1 and #3 should prevent failures of the type that occurred in April 1968 from occurring.

By copy of this memorandum and attached letter, I am also asking the Division of Industrial Wastes for their review and approval, at least in regard to the general concept.

You will note that the well is to be placed in a stand-by condition until the conversion of the pulp mill to the Neutrancel II process is completed in 1971. At that time, Hammermill expects to produce a more concentrated (50%) spent pulping liquor, capable of incineration with the economic benefit of chemical recovery.

However, we are not adequately familiar with the details of the correct technical procedures for securing a disposal well on either a stand-by or permanent basis to assure adequate protection of fresh water aquifers. We, therefore, would appreciate your review and approval of this proposal.

Please let us know if you need additional information. We will also ask for a copy of the Oil and Gas Inspector's confirmation of the sealing and approval.

WCB:dj

CC: Division of Industrial Wastes
Attachment

GROVER: I HAVE NO OBJECTIONS TO BELLEVILLE APPROVING THIS.

De YOU?
DAC

AR101908

#1 2 3 well